

CLAIMS

1. Handle for a motor vehicle door (2; 102) or the like, that comprises a lever (5; 105) that can rotate about a first axis (7; 107) in a frame (1; 101) to be fixed to the door (2; 102) and is connected mechanically to a rocker wheel (11; 111) that can rotate in the frame (1; 101) about a second axis (12; 112) when the lever (5; 105) is pulled in order to unlock the door (2; 102), the said rocker wheel (11; 111) being provided with a shoulder (24; 124) capable of being intercepted by a stop piece (15; 130) belonging to a locking member comprising a pendulum (16; 116) which is provided with an inertial mass (18; 118) and is hinged to the frame (1; 101) or to a body integral therewith so as to pivot about a third axis (17; 117), in such a way that during a violent pivoting of the pendulum (16; 116) the stop piece (15; 130) strikes the shoulder (24; 124) and prevents the rocker wheel (11; 111) from rotating, which handle is characterized in that this third axis of rotation (17; 117) of the pendulum (16; 116) is essentially parallel to this first axis of rotation (7; 107) of the lever (5; 105), and in that this inertial mass (18; 118) is located between these two axes of rotation (7, 17; 107; 117).

2. Handle according to the previous claim, characterized in that this inertial mass (18; 118) is located close to the centre of the frame (1; 101).

3. Handle according to one of the previous claims, characterized in that a straight line passing through the centres of gravity of the inertial mass (18; 118) and of the lever (5; 105) is essentially perpendicular to the first (7; 107) and third (17; 117) axes of rotation.

4. Handle according to one of the previous claims, characterized in that this inertial mass (18; 118) is of a flat shape.

5. Handle according to Claim 4, characterized in that this inertial mass (18; 118) is essentially parallel to the first (7; 107) and third (17; 117) axes of rotation.

6. Handle according to one of the previous claims, characterized in that the first axis of rotation (7; 107) is essentially parallel to the axis of rotation of the door (2).

7. Handle according to one of the previous claims, characterized in that the second axis of rotation (12) is essentially perpendicular to the first (7) and third (17) axes of rotation.

8. Handle according to one of Claims 1 to 6, characterized in that the second axis of rotation (112) is essentially parallel to the first (107) and third (117) axes of rotation.

9. Handle according to one of the previous claims, characterized in that the rocker wheel (11; 111) is provided with a cam surface (14; 114) on which a tappet (15; 115) integral with the pendulum (16; 116) can slide, in such a way that the pendulum pivots when the rocker wheel (11; 111) rotates about the second axis (12; 112).

10. Handle according to Claim 9, characterized in that the shoulder (24) of the rocker wheel (11) is located at a distance from the cam surface (14) that is greater than the height of the tappet (15) of the pendulum (16), so that the tappet (15) passes underneath the shoulder (24) without touching it if it slides over the cam surface (14), but strikes it, thus acting as a stop

piece and preventing the rocker wheel (11) from rotating, when it comes off this surface.

11. Handle according to Claim 9, characterized in that the shoulder (124) of the rocker wheel (111) extends towards a corresponding stop piece (130) that projects from the pendulum (116), in such a way that the shoulder (124) passes close to the stop piece (130) without touching it if the tappet (115) slides over the cam surface (114), but strikes it, thus preventing the rocker wheel (111) from rotating, when it comes off this surface.

12. Handle according to one of the previous claims, characterized in that elastic means (19; 119) are arranged between the frame (1; 101) and the pendulum (16; 116) in order to press the latter against the rocker wheel (11; 111).

13. Handle according to one of the previous claims, characterized in that when the pendulum (16) pivots about the third axis (17), it operates a switch (21) belonging to a control device (22) housed in a seat formed in the frame (1).

14. Handle according to Claim 13, characterized in that the inertial mass (18) of the pendulum (16) is provided with a shoe (20) mounted on elastic means in order to press against this switch (21) of the control device (22) when the pendulum (16) pivots about the third axis (17).

15. Handle according to Claim 13 or 14, characterized in that when this switch (21) is operated, the control device (22) sends a signal to open the lock of the door (2) and/or operate other devices, such as the interior lights of the motor vehicle.